

07-24-03

0130



Filed Via Express Mail

Rec. No.: EV 332277575 US

On: July 22, 2003

By

Ene L. Maldonado

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Attorney Docket No. FUJI 20.477(100794-00451)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor: Takanori IWAMATSU, et al.
Serial No.: 10/611,412
Filed: June 30, 2003
Title: A CDMA RECEIVING...
Examiner:
Art Unit:

July 22, 2003

Director of the U.S. Patent and
Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

S I R:

In order to comply with discretionary rules 37 CFR §§1.97 and 1.98, attached hereto is a copy of Form PTO-1449 and copies of documents listed thereon. These documents contain information in which the Examiner may consider to be important in deciding whether to issue a patent in the instant application.

As this statement is being filed prior to issuance of a first Office Action, no fee is due.

As some of these documents are written in a language other than English, English Language abstracts are annexed thereto explaining its relevancy in accordance with 37 CFR §1.98(a)(3).

The present Information Disclosure Statement is being submitted in compliance with 37 §CFR 1.56 as an Examiner might consider any cited document important in deciding whether to allow the application to issue as a patent, but the citation of each document is not to be construed

as an admission that such document is necessarily relevant or prior art. No representation is intended that the cited documents represent the results of a complete search, and it is anticipated that the Examiner in the normal course of examination, will make an independent search and will determine the best prior art consistent with 37 CFR 1.104 (a), and in the course of such search will review for relevance every document cited on the attached form even if not initialed.

Early and favorable consideration is respectfully solicited.

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Respectfully submitted,



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U.S. Department of Commerce
Patent and Trademark Office

Application No. : 10/611,412

Filing Date : June 30, 2003

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

Sheet 1 of 1

First Named Inventor: T. IWAMATSU

Group Art Unit :

Examiner Name :

Attorney Docket No. : FUJI 20.477

U.S. PATENT DOCUMENTS

Examiner Initials	Cite No. ¹	U.S. Patent Document	Kind Code if known ²	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD- YYYY	Pages, Columns Lines Where Relevant Passages or Relevant Figures Appear

FOREIGN DOCUMENTS

Examiner Initials	Cite No. ¹	Foreign Patent Document Office ³ Number ⁴ Kind Code ⁵ (if known)	Country	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YY/Y	Pages, Columns Lines Where Relevant Passages or Relevant Figures Appear
		2000-40981	JP	FUJITSU LTD	02/08/2000	
		7-30519	JP	NEC CORP	01/31/1995	

Other Prior Art-Non Patent Literature Documents

Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), data, page(s), volume-issue number(s), publisher, country, where published, source.	Applicant check her if English language translation attached
		"EXPERIMENTS ON PARALLEL-TYPE COHERENT MULTI-STAGE INTERFERENCE CANCELLER WITH CHANNEL ESTIMATION USING PILOT AND DECISION -FEEDBACK DATA SYMBOLS IN W-CDMA REVERSE LINK" TECHNICAL REPORT OF THE INSTITUTE OF ELECTRONICS, INFORMATION AND COMMUNICATIONS ENGINEERS; RCS2000-130, pp. 13-19	
		"DECISION FEEDBACK MULTISTAGE RECEIVERS FOR ASYNCHRONOUS CDMA SYSTEMS", IEEE GLOBECOM; NOVEMBER 29-DECEMBER 2, 1993; pp. 1677-1682	
Examiner Signature			Date Considered

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw a line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that Issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.1⁶ If possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

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